S. R. A.-B. A. I. 158.

Issued August 16, 1920.

### United States Department of Agriculture,

### BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU.

### SERVICE AND REGULATORY ANNOUNCEMENTS.

JUNE, 1920.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

### CONTENTS.

	Page.		Page.
Changes in directory	65	Licenses for veterinary biological	
Notice regarding meat inspection	66	products	71
Animals slaughtered under Federal		Quantities of antihog-cholera serum	
meat inspection, May, 1920	67	and hog-cholera virus produced,	
Imports of food animals and of		January to May, 1920	72
meats and meat food products	67	Results of prosecutions for violations	
Foreign officials authorized to sign		of laws	72
inspection certificates for meat		Amendment to the Fiscal Regula-	
and products for importation into		tions	72
the United States	68	Per diem allowance of employees	
Inspection and testing of animals		on temporary duty	72
for Canada	69	The \$240 bonus to department em-	
Requirements of States of destina-		ployees continued	72
tion must be complied with when		Returning to duty from leave	73
certifying to interstate shipments_	69	Division of Virus-Serum Control	73
Permitted disinfectant	70	New publications of the Bureau of	
Texas-fever quarantine — places to		Animal Industry	73
which southern cattle may be		Organization of the Bureau of Ani-	
shipped for immediate slaughter	70	mal Industry	73
Summary of tuberculosis-eradication			
work in cooperation with States,			
May, 1920	70		

### CHANGES IN DIRECTORY.

### Meat Inspection Inaugurated.

20-AA. Wilson & Co. (Inc.) and Wilson & Co., 142 Lyman Street, Springfield, Mass.

\*643. Higgins Packing Co. (Inc.), Thirty-sixth and L Streets, Omaha, Nebr. 44. Eau Claire Canning Co., Eau Claire, Wis.

835-A. Barton & Co., 552-554 First Avenue South, Seattle, Wash.

\*880. United Meat Co., Vancouver Avenue and Columbia Boulevard (mail, P. O. box 117, Kenton Station), Portland, Oreg.

### Meat Inspection Withdrawn.

672. The Tenison Co., Dallas, Tex.

20-T. Wilson & Co. (Inc.), Sioux Falls, S. Dak.

224-A. Carstens Packing Co., Seattle, Wash.

348. Boston Sausage & Provision Co., Boston, Mass.

72-A. Western Meat Co., San Francisco, Calif.

136. George C. Rath & Sons, Twelfth and Clay Streets, Dubuque, Iowa.

917. Legg Meat Curing Co., Chicago, Ill.

### Meat Inspection Temporarily Suspended.

980. Holcombe Provision Co. (Inc.), Newark, N. J.

169-A. Roberts & Oake of Iowa (Inc.), Marshalltown, Iowa.

546. Max Ams, 372 Greenwich Street, New York, N. Y.

351. Valentine's Meat Juice Co., High and Goddin Streets, Richmond, Va.

### Change in Name of Official Establishment.

782. Liberty Packing & Provision Co., Fifty-eighth and York Streets, Denver, Colo., instead of Capital Meat & Live Stock Co.

### Change in Address of Official Establishment.

347. Augustus Saugy (Inc.), 285 Canal Street, Providence, R. I., instead of 274 Canal Street.

### Stations Added.

Augusta, Me., tuberculosis eradication, Dr. J. B. Reidy, care Dr. W. H. Lynch, Live Stock Sanitary Commissioner.

Hartford, Conn., tuberculosis eradication, Dr. E. I. Smith, care Commissioner on Domestic Animals.

### Stations Discontinued.

Houston, Tex. (The work at Houston, formerly under Dr. J. B. Reidy, will be continued as a substation of Fort Worth under Dr. R. E. Jackson.)

Marshalltown, Iowa, meat inspection.

Gainesville, Fla., educational hog-cholera work.

Columbus, Ohio, educational hog-cholera work.

### Changes of Officials in Charge.

Baton Rouge, La., Dr. Edward Horstman instead of Dr. E. I. Smith. Dayton, Ohio, Dr. W. O. Trone instead of Dr. Morton Hattery.

### Change in Address of Official in Charge.

Dr. Marion Imes, 23 Federal Building, Kansas City, Kans., instead of 22 Federal Building.

### NOTICE REGARDING MEAT INSPECTION.

### OFFICIAL ESTABLISHMENTS WILL FURNISH ALL INKS FOR BRANDING MEATS.

The preparation and distribution of ink for branding meats by the bureau will cease July 1, 1920. It is necessary, therefore, for official establishments to furnish all ink used in marking meats.

Samples of all inks brought into official establishments for use in branding meats must be submitted for laboratory examination before use. The use of such inks will not be permitted until report of laboratory examination is received.

Inks prepared under bureau supervision in official establishments may be used without laboratory examination, provided samples of all the ingredients used have been submitted for laboratory examination and approved for use, and that the ingredients have been kept under bureau supervision in a place

designated by the inspector. The meat-inspection laboratories of the bureau will examine samples of ink ingredients brought into official establishments for use in preparing ink within the establishment. Samples of such ingredients should be forwarded by the inspector to the *laboratory of the territory in which the station is located*, accompanied with a properly executed M. I. Form 161 stating the proposed use of the material represented.

# ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, MAY, 1920.

Station.	Cattle,	Calves.	Sheep.	Goats.	Swine.
Chicago	140,098	71,570	161,633	6,313	575, 995
Fort Worth		11,031 17,073	33,587 92,544	2,019 5,433	33, 410 294, 543
National Stock Yards	27,718	10,274	24,784	30	163,095
Omaha St. Louis		4,098 4,972	75,973 3,900		231,994 145,115
Sioux City	22, 120	1,808	7,780	1	132,428
South St. Joseph	22,055	3,823	31,924 7,697	4	161,782
South St. Paul. All other establishments.		33,384 210,611	227, 822	839	198,497 1,647,922
Total: May, 1920		368,644	670, 644	14,639	3,584,781
May, 1919	720,684	391,304 3,796,501	894,324 11,517,245	14, 118 75, 141	3,743,463 35,415,843
11 months ended May, 1919		3,347,167	10, 336, 904	122, 105	40, 670, 159

Horses slaughtered, at all establishments, May, 1920, 18.

## IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during May, 1920, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico. Canada. Great Britain	10,022 101	1 224	1,171 161	6,579 1
Cuba  Total: May, 1920 May, 1919 11 months ended May, 1920 11 months ended May, 1919	20,703 46,081 574,750	225 396 4,515 23,899	1,332 9,698 161,036 181,798	6,639 91 13,965 24,327

Imports of meat and meat food products.

Gun to activities	Fresh and r	efrigerated.	Canned	Other	Total	
Country of export.	• Beef.	Other.	and cured.	products.	weight.	
Argentina	Pounds.	Pounds.	Pounds. 1,374,442	Pounds.	Pounds. 1,374,442	
Australia Canada Other countries	120 1,534,366 240,151	41,229 1,973,151 3,655,478	101,906 10,660	45,600 1,734 165,081	86,949 3,611,157 4,071,370	
Total: May, 1920	1,774,637 1,986,768 29,743,517 29,659,873	5,669,858 2,257,816 20,649,521 10,191,193	1,487,008 2,189,528 3,306,371 128,813,876	212,415 535,371 5,691,164 6,907,452	9,143,918 6,969,483 59,390,573 175,572,394	

Condemned in May, 1920: Beef, 1,595 pounds; pork, 93 pounds; total, 1,688 pounds. Refused entry: Beef, 513 pounds; pork, 261 pounds; total, 774 pounds.

# FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
CANADA.	
Allan T. Andrew, 711 Boyd Building, Winnipeg, Mani- toba.	Cellan Tandres
E. R. Corbett, 711 Boyd Building, Winnipeg, Mani- toba.	thelio R.D.
W. B. Davidson, 711 Boyd Building, Winnipeg, Mani- toba.	Carpino C. 8.W
S. C. McKee, 711 Boyd Building, Winnipeg, Manitoba.	S. C. In Kee
R. J. Vickers, 711 Boyd Building, Winnipeg, Manitoba.	. Victers
NEW ZEALAND.	
T. A. Blake, Tokomara Bay, Auckland.	TaBlake
E. Elphick, Christchurch. Canterbury.	76 · Elpuch
E. C. Howard, Wellington.	E.C. Horsard
H. A. Reid, Wallaceville, Wellington.	sakeid.
J. Stafford, Christchurch, Canterbury.	J. Stofford.

### INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

### Names Added to List.

Dr. D. W. Hurst, Tecumseh, Nebr.

### Change in Address.

Dr. C. C. Neidig, from Luck, Wis., to Goodhue, Minn.

### Names Removed from List.

Dr. John A. Anstey, Massena, Iowa.

Dr. J. C. Baddeley, Athena, Oreg.

Dr. Robert H. Bird, Greeley, Colo.

Dr. S. E. Cottrill, Grand Rapids, Wis.

Dr. M. M. Fulton, Moorhead, Minn.

Dr. George C. Hill, Oshkosh, Wis.

Dr. F. A. Ingram, Hartford, Conn.

Dr. J. W. Klotz, Noblesville, Ind.

Dr. J. A. Logan, Oakes, N. Dak.

Dr. Earl A. McCain, Gregory, S. Dak.

Dr. J. A. McKibbin, Colfax, Wash.

Dr. F. E. Palmer, Owatonna, Minn.

Dr. W. F. Rode, St. Paul, Minn.

Dr. J. Seeley, Seattle, Wash.

Dr. E. V. Robnett, Oklahoma, Okla.

Dr. J. C. Thompson, Pomeroy, Wash.

Dr. H. A. Trippeer, Walla Walla, Wash.

# REQUIREMENTS OF STATES OF DESTINATION MUST BE COMPLIED WITH WHEN CERTIFYING TO INTERSTATE SHIPMENTS.

The bureau has been advised by different State officials that frequently when animals are received from other States the shipments are not accompanied with proper certificates and that notices are not forwarded in compliance with the requirements of the States of destination. In some cases these shipments have been inspected or the dipping of the animals has been supervised by bureau employees.

All employees are cautioned to refer to booklet A. I. 36, "State Sanitary Requirements Governing Admission of Live Stock," when they are requested to certify to interstate shipments, and to proceed in the manner outlined in the requirements of the State to which the animals may be destined. To fail to do so frequently results in delay and extra expense to shippers. In the case of States which require that notices be forwarded to the State veterinarian or other official, bureau forms such as F. I. Form 24-B, 48-B, or 12-A may be used if there are no copies of the certificates available for forwarding.

### PERMITTED DISINFECTANT.

In accordance with the provisions contained in the regulations of this department governing the interstate movement of livestock (B. A. I. Order 263), the bureau has granted permission for the use of "Li-Cresol," manufactured by The Jensen-Salsbery Laboratories, Twenty-first and Penn Streets, Kansas City, Mo., as a substitute for compound solution of cresol, U. S. P., in the general disinfection of cars, yards, and other premises.

# TEXAS-FEVER QUARANTINE—PLACES TO WHICH SOUTHERN CATTLE MAY BE SHIPPED FOR IMMEDIATE SLAUGHTER.

The following changes have been made in the list published in Service and Regulatory Announcements for June, 1918, of places to which southern cattle may be shipped for immediate slaughter under State and Federal permission.

### Permission Granted.

Swift & Co., Cleveland, Ohio,

### Permission Withdrawn.

Valentine's Meat Juice Co., Richmond, Va. Bourbon Stock Yards Co., Louisville, Ky. Union Stock Yards Co., Norfolk, Va.

### SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERA-TION WITH STATES, MAY, 1920.

		Ті	ibercul tests.	lin		m- oy-	accredited State.	Inspector	
Station.	States.	Herds or lots.	Cattle tested.	Reacted.	Buroau.	State.	Total a	in charge.	State official.
Albany, N. Y. Atlanta, Ga. Baltimore, Md. Birmingham, Ala. Bismarck, N. Dak Boston, Mass. Do. Do. Do. Do. Charleston, W. Va Chicago, Ill. Columbia, S. C.	Mass Me R. I Conn N. H	149 43 80 89 176 18 126 2 45 10 78 102 33	889 1,343 2,150 3,497 538	560 11 20 18 154 8 47 288 2 14 73 7	5 1 5 1 2 2 3 1 1 1 2 8 2	3 1 10  3 	8 86 33 166 22 129 4 9 6 17 56	C. J. Becker. H. H. Cohenour. E. A. Crossman. do. do. do. do. Journal of the control of the cont	D. W. McLaury, Albany. P. F. Bahnsen, Atlanta. R. C. Reed, Baltimore. C. A. Cary, Auburn. W. F. Crewe, Bismarck. L. H. Howard, Boston. W. H. Lynch, Augusta. J. S. Pollard, Providence. J. M. Whittlesey, Hartford. A. L. Felker, Concord. J. H. Stewart, Charleston. A. T. Peters, Springfield. R. O. Feeley, Clemson College.
Columbus, Ohio Des Moines, Iowa. Fort Worth, Tex. Frankfort, Ky	Ohio Iowa Tex Ky	119	2,344	108 113 23 7	1	1	34	F. H. Thompson R. E. Jackson	T. A. Burnett, Columbus.
Harrisburg, Pa Helena, Mont Indianapolis, Ind.	Pa Mont Ind	100	1,972 1,489 1,818	210 34 12	2	9 2 3	220 46 102	R. Snyder	T. E. Munce, Harrisburg. W. J. Butler, Helena. L. E. Northrup, Indianapolis.
Jackson, Miss Jefferson City, Mo.	Miss Mo			24 76		3 2	47 4	J. A. Barger Ralph Graham	H. Chadwick, Jackson. D. F. Luckey, Jefferson City.
Lansing, Mich Lincoln, Nebr Little Rock, Ark. Madison, Wis. Montpelier, Vt Nashville, Tenn. New Orleans, La	Mich. Nebr. Ark. Wis. Vt. Tenn. La.	66 11 150 238 47	1,462 134 4,740 3,712 1,467	211 13	8 2	4	28 13 177 50 79	S. E. Cosford J. H. Bux J. S. Healy A. J. De Fosset. Robert Jay	H. H. Halladay, Lansing. W. T. Spencer, Lincoln. R. M. Gow, Little Rock. C. P. Norgord, Madison. E. S. Brigham, Montpelier. M. Jacob, Nashville. E. P. Flower, Baton Rouge.
Oklahoma, Okla	Okla	93	2,307	58	3	4	1	W. C. Drake, jr.	J. A. Whitehurst, Okla- homa.

Summary of tuberculosis-eradication work in cooperation with States, May, 1920—Continued.

	•	Tı	abereu tests.	lin		m- oy-	accredited n States.	Inspector	
Station.	States.	Herds or lots.	Cattle tested.	Reacted.	Bureau.	State.	Total a	in charge.	State officials.
Pierre, S. Dak Portland, Oreg Do Richmond, Va	S. Dak Oreg Wash Va	24 220 672 110	2,034 6,084	191	2 2 3 5	2 3 5 2	21	S. B. Foster	A. E. Beaumont, Pierre. W. H. Lytle, Salem. E. F. Benson, Olympia. J. G. Ferneyhough, Richmond.
Do	N. C Minn Utah	56 163 146		27 101 9	3 8 3	2 7 2	1	W. J. Fretz F. E. Murray	Wm. Moore, Raleigh. C. E. Cotton, St. Paul. R. W. Hoggan, Salt Lake
Do Tallahassee, Fla	Idaho Nev Fla	89 55	1,235	19 11	2		14	do J. G. Fish	J. D. Adams, Boise
Topeka, Kans Trenton, N. J Do Washington, D. C. Do	N. J Del	48 35 32 37 39	892 288 157	100 24	3 1 1 2 1		69 26 10 8	H. M. Graefe W. G. Middletondo J. A. Kiernan do	J. H. Mercer, Topeka. J. H. McNeil, Trenton. Wesley Webb, Dover.
Total		4,565	76,035	2, 910	131	141	2,658		

### LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture of veterinary biological products have been issued as follows for the year 1919, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 265):

License No.	Date.	Name and address of firm.	Products.
4	1920. June 16	The Abbott Laboratories, 4739-4753 Ravenswood Avenue, Chicago, Ill.	Equine-abortion mixed bacterin; equine hemorrhagic-septicemia bacterin; mixed-infection bacterin (bovine);
6	June 15	Pitman-Moore Co., near Zionsville, Ind	swine-abortion mixed bacterin. Anti-listemper serum (equine); anti- influenza serum (equine); antistrep- tococcic serum (equine); canine-anti- distemper serum; canine-distemper mixed bacteria; equine-antihemor- rhagic septicemia serum; fowl-cholera bacterin; hemorrhagic-septicemia bac- terin (for horses); metritis mixed bac- terin (for cattle); normal horse serum; pig-scour mixed bacterin.
17	June 21	Beebe Laboratories (Inc.), 157-165 West Third Street, St. Paul, Minn.	Abortion vaccine (bovine); antihemor- rhagic-septicemia serum (for cattle); antihemorrhagic-septicemia serum (for sheep); antihemorrhagic-septicemia serum (for swine); antimixed-infec- tion serum (for swine).
21	June 25	Continental Serum Laboratories Co., Isett Avenue and Bidwell Road, Muscatine, Iowa.	Antihog-cholera serum; hog-cholera virus.
107	June 22	Jensen-Salsbery Laboratories (Inc.), 520 West Penway Street, Kansas City, Mo.	Bovine-abortion bacterin (mixed).
112-A	June 5	Fort Dodge Serum Co. (Inc.), 600½ Central Avenue, Fort Dodge, Iowa.	Equine influenza mixed bacterin.
153	June 4	The Quality Biologic Co., 86-88 North James Street, Kansas City, Kans.	Mixed bacterin (swine).
153	June 15	The Quality Biologic Co., 86-88 North James Street, Kansas City, Kans.	Bovine-colon bacterin; bovine-mastitis mixed bacterin.
155	June 19	Utah Serum Co., Wilson Lane, Ogden, Utah.	Antihog-cholera serum; hog-cholera virus.
156	June 28	The Brawner Serum Co., Converse, Mo	Antihog-cholera serum; hog-cholera virus.

## QUANTITIES OF ANTIHOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED, JANUARY TO MAY (INCLUSIVE), 1920.

	Seri	ım.	Simultane	Hyper-	
Months.	Ordinary.	Clear.	Ordinary.	*Clear.	imunizing virus.
January February March April May	22, 458, 127	C, c, 1,729,403 1,944,442 3,798,053 3,608,808 3,722,438	C. c. 1,308,377 1,179,791 2,904,496 1,145,879 1,454,588	C. c. 61,591 28,548 13,759 16,069 42,700	C. c. 5,718,200 6,627,580 12,222,378 10,761,968 12,494,680

### RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

#### Live-Stock Quarantine Law.

Southern Railway Co., \$100 fine and \$15.30 costs.

### Twenty-Eight-Hour Law.

Washington Southern Railway Co. (9 cases), \$900 fines and \$153 costs. Wells, Fargo Express Co., \$100 fine and \$17.05 costs. Indianapolis Union Railway, \$100 fine and \$17.85 costs. New York Central Railroad Co. (34 cases), \$3,400 fines and \$351.48 costs.

### AMENDMENT TO THE FISCAL REGULATIONS.

### PER DIEM ALLOWANCE OF EMPLOYEES ON TEMPORARY DUTY.

By memorandum No. 312 of the Secretary of Agriculture, dated June 4, 1920, effective May 1, 1920, section (d) of paragraph 84 of the Fiscal Regulations is amended to read as follows:

(d) An employee assigned to temporary duty in one locality may be allowed a per diem in lieu of subsistence during the entire period of such employment, not to exceed 60 days, unless otherwise specifically authorized by the Secretary in advance; but temporary absence from the designated locality during any part of such period shall serve neither to prolong the same nor to create any additional period. The time limit prescribed in this section will not apply to employees of the department traveling in the field and not assigned to temporary headquarters.

### THE \$240 BONUS TO DEPARTMENT EMPLOYEES CONTINUED.

Section 6 of the legislative act for the fiscal year 1921 (Public No. 231, 66th Cong., 2d sess.) provides for the same temporary increase of compensation for employees of this department during the fiscal year 1921 as that in effect during the fiscal year 1920. Accordingly, the Secretary of Agriculture, by memorandum No. 274 (amended), dated June 8, 1920, has ordered that the provisions of memorandum No. 274, dated April 25, 1919, as amended by memorandum No. 294, dated October 27, 1919, and by memorandum No. 274 (amended), dated March 23, 1920, shall continue in force and effect for and during the fiscal year ending June 30, 1921.

### RETURNING TO DUTY FROM LEAVE.

In view of the varying hours at which employees are required to report for duty for a regular day's work, particularly in the meat-inspection service, and the necessity for determining precisely from leave applications how much leave has been taken, applications covering leave will be stated hereafter in accordance with the following rule:

In each case, when an employee returns to duty from leave, the hour he actually resumes a duty status must be shown in the space provided for that purpose on applications, together with a notation of the usual hour his day's work begins.

### DIVISION OF VIRUS-SERUM CONTROL.

The name of the Office of Virus-Serum Control has been changed to Division of Virus-Serum Control, effective July 1, 1920, and Dr. D. I. Skidmore, who has been acting in charge following the resignation of Dr. H. J. Shore, has been made chief of the division.

### NEW PUBLICATIONS OF THE BUREAU.

[The bureau keeps no general mailing list for sending publications to individual employees. When a new publication is issued one or more copies are usually sent to each officer in charge of a station. If additional copies are desired for distribution to members of the force or for other use they will be sent on request if possiblé. Individual employees who wish to obtain any of the publications listed here should apply first to the local officer in charge. If he has no extra copies, application may then be made to the Washington office.]

Department Bulletin 800. The Whorled Milkweed (Asclepias yalioides) as a Poisonous Plant. By C. Dwight Marsh, A. B. Clawson, and J. F. Couch, Bureau of Animal Industry, and W. W. Eggleston, Bureau of Plant Industry. Pp. 40, pl. 7.

Farmers' Bulletin 578, revised. The Making and Feeding of Silage. By T. E. Woodward and J. B. McNulty, Dairy Division, and George M. Rommel, E. W. Sheets, and F. R. Marshall, Animal Husbandry Division. Pp. 31, figs. 8.

Farmers' Bulletin 743, slightly revised. The Feeding of Dairy Cows. By Helmer Rabild, H. P. Davis, and W. K. Brainerd, Dairy Division. Pp. 27.

Farmers' Bulletin 1055, revised. Country Hides and Skins. By R. W. Hickman, Bureau of Animal Industry; C. V. Whalin, Bureau of Markets; R. W. Frey and F. P. Veitch, Bureau of Chemistry. Pp. 48, figs. 38.

Department Circular 87. Sweet-Clover Seed Screenings Not Injurious to Sheep. By C. Dwight Marsh and Glenwood C. Roe, Pathological Division, Pp. 7.

Department Circular 101. The Whorled Milkweed, a Plant Poisonous to Livestock, By C. Dwight Marsh, Pathological Division. Pp. 2, fig. 1.

Amendment 13 to B. A. I. Order 211. Regulations governing the meat inspection of the U. S. Department of Agriculture. Effective April 15, 1920. P. 1.

Amendment 1 to B. A. I. Order 269, quarantining certain counties in Arkansas. Pp. 2.

### ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

(July 1, 1920.)

Chief: JOHN R. MOHLER.

Assistant Chief: B. H. RAWL.

Assistant to Chief: CHARLES C. CARROLL.

Chief Clerk: J. R. COHRAN.

Editor: D. S. Burch.

Animal Husbandry Division: George M. Rommel, chief.

Biochemic Division: M. Dorset, chief.

Dairy Division: B. H. RAWL, chief.

Field Inspection Division: A. W. Miller, chief.

Meat Inspection Division: R. P. Steddom, chief.

Miscellaneous Division: A. M. Farrington, chief.

Pathological Division: John S. Buckley, chief.

Quarantine Division: Richard W. Hickman, chief.

Tick Eradication Division: R. A. RAMSAY, chief.

Tuberculosis Eradication Division: J. A. Kiernan, chief.

Zoological Division: B. H. RANSOM, chief.

Experiment Station: E. C. Schroeder, superintendent.

Division of Hog-Cholera Control: U. G. Houck, chief.

Division of Virus-Serum Control: D. I. SKIDMORE, Chief.

Office of Accounts: A. C. Davis, acting in charge.

Appointment Section: George H. Russell, in charge.

### MEETS DEMAND FOR SMALL LIBERTY BONDS.

Indication that the public has ceased to be spendthrift and is again inclining toward thrift and sound investment is seen in the heavy inquiries for small denomination. Liberty bonds at banks and brokers' offices throughout the country. To supply the large demand for \$50 and \$100 bonds at present favorable market prices the Treasury Department has issued instructions to the Federal Reserve Banks which will expedite the exchange of bonds of larger denominations for the small units. The instructions also provide ways and means by which banks and dealers may obtain the small denominations in the first instance, if their customers require them.

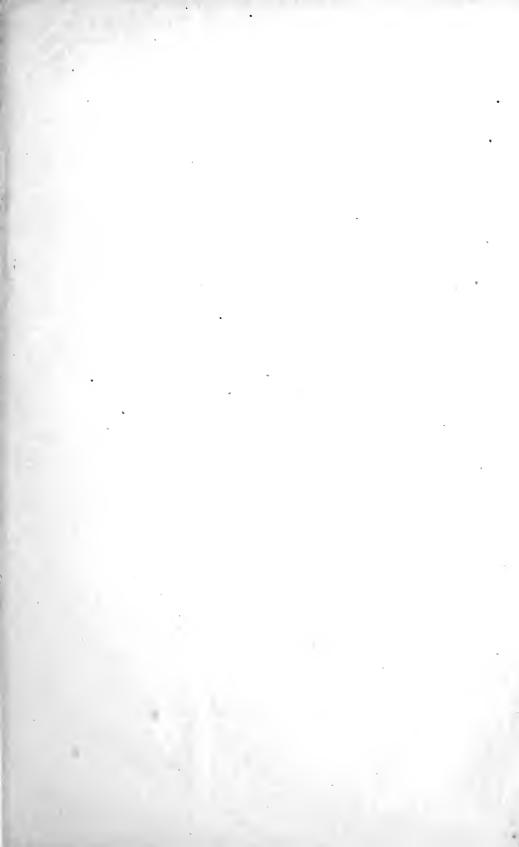


—— BUY W. S. S. ——

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